JOAVINA, V.; DUMITRIU, N.

The role and the principal tasks of the trade-union cashier.
Munca sindic 6 no.6:9-12 Je '62.

NICOLICIOIU, C. (Iasi); DUMITRU, P. (Iasi)

Cost price reduction in the furniture factory in Iasi. Probleme econ 16 no.9:126-132 S '63.

DUMITRU, F. (Iasi)

Utilization of the means of worker's material incentive in the Birlad Ball Bearing Plant. Probleme econ 18 no.4:127-132 Ap '65.

STOENESCU, Valeriu, ing.; ROBOCEA, T., ing.; HULEA, I.; MIRCEA, Ion; MUSCA, M.; DUMITRU, Pavel, ing.; MIHES, T.; NINA, N.; PETRESCU, El.

Improvement of the textile product quality. Probleme econ 18 no.5:161-165 My '65.

1. Director, Galati Textile Enterprises (for Stoenescu). 2. Director, Rumanian Cotton Manufacture, Jilava (for Robocea). 3. Chief Engineer, Rumanian Cotton Manufacture, Jilava (for Hulea). 4. Director, Pitesti Textile Enterprise (for Mircea). 5. Chief Engineer, "Dacia" Textile Enterprise, Bucharest (for Musca). 6. Technical Service, "Dacia" Textile Enterprise, (for Dumitru). 7. Director, "Select" Enterprise, Bucharest (for Mihes). 8. Chief Engineer, "Select" Enterprise, Bucharest (for Nina). 9. Head of the Office of Technical Quality Control, "Select" Enterprise, Bucharest (for Petrescu).

DAVIDEANU, N.; NICOLICIOIU, C.; DUMITRU, P.

Contribution of material incentive to the increase of production in textile enterprises. Ind text Rum 16 no.1:12-17 Ja '65.

1. Faculty of Economic Sciences, "Al.I.Cuza" University, Iasi.

DUMITRU, Radu, ing.; SARLAU, Constantin, ing.; OPREDEK, Alexandru, ing.

Welding of steel conduits with increased carbon content (0,5%) used to convey gases under high pressure. Metalurgia constr mas 14 no.5:439-443 My '62.

1. Institutul politehnic, Timisoara.

ANASTASATU,C.; PADULESCU,N.; BACIU,A.; DUMITRU,V.; NICOLICIN, Al; DIACONU; Em.; RADU, Petre.

Modalities and rate of healing in cavitary forms of pulmonary tuberculosis under drug therapy. Rumanian med. rev. 7 no.3: 35-41 Ja-Mr'64.

*

BELCIU, Ilie; DUMITRU, Vasile, corespondent; CONSTANTIN, A., ing.; GOSAV, Mihai

With the semestral plan carried out. Constr Buc 14 no.650:1 23 Je '62.

1. Din subredactia voluntara de la Turda (for Belciu).

DUMITRU, Vasile

The productivity has increased. Constr Buc 15 no.722:1 9 M '63.

VOINESCU,A., corespondent; DUMITRASCU,I., corespondent; PAUB, Dumitru, corespondent; CIRSTOIU, Valentin, corespondent; CIULEA, Gh., ing; CONSTANTIN, Al., corespondent; DUMITRU, Vasile, corespondent; RADU, Romul, ing.; GAVANESCU, G., economist.

The annual plan has been completed. Cronica Anul 15 no.729:1 28 D'63.

1. Director, Trustul Regional de Constructii de Locuinte, Banat, (for Ciulea). 2. Director, Trustul Regional de Constructii de Locuinte, Brasov (for Radu).

GHEORGHIU, N., economist; DUMITRU, Vasile; FAROCA, Emil, corespondent

Appreciation of labor. Constr Buc 16 no. 743:2 4 April '64

DUMITRU, Vasile

Technological line of machines for manufacturing elastic agglomerated cork. Constr Buc 16 no. 738:1 29 February 1964.

DUMITRU, Viorica, prof. (Bucureşti)

On the activity of the Little Naturalist Circle; excursions and visits. Natura Biologie 15 no.5:74-78 S-O'63.

FRANCHE, Maria, prof., dr.; BRAUNER, E., dr.; CUCIUREANU, Gh., dr.; BALTIEV, A., dr.; HURMUZACHE, Th., dr.; LAZAR, P., dr.; JOSEFSOHN, I., dr.; DUMITRIU, St., dr.; FURCOI, I., extern; SAPIRA, A., extern

Current aspects of staphylococcal septicopyemia. Considerations on the cases hospitalized at the Communicable Disease Clinic of Iasi between 1950 and 1959. Med. intern., Bucur 13 no.1:33-43 Ja '61.

1. Lucrare efectuata in Clinica de boli contagioase, Iasi (director: prof. Maria Franche).

(STAPHYLOCOCCAL INFECTIONS statistics)
SEPTICEMIA statistics)

DUMITRU, T.; FODOR, I.; RADU, T.

Recuperation of chromium from residual liquors and its utilization in tanning. p.263

INDUSTRIA USOARA. (Asociatia Stintifica a Inginerilor si Tehnicienlor din Rominia si Departmentul Industriei Usoare din Ministerului Industriei Bunurilor de Consum)
Bucuresti, Rumania
Vol. 6, no.7, July 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 9, no.1, Jan. 1960
Uncl.

E-2

Country : Rumania
Category : Analytical Chemistry. Analysis of Inorganic Substances.
Abs. Jour. : Ref. Zhur.-Khimiya No. 6, 1959 19141

Author : Dumitru, T. N.
Institut. :
Title : Determination of Chlorine-Ion in Turbid and Strongly Colored Solutions.

Orig Pub. : Rev. Chim., 1958, 9, No 6, 325-326

Abstract : A method has been worked out for determination of Cl^- in soil, which is based on titration of the solution being analyzed with a solution of $Hg(NO_3)_2$ (there is formed the low-dissociation $HgCl_2$) at pH 1.5-2, in the presence of diphenyl-carbazone as indicator. 100 mg of the soil being analyzed are shaken for 15 minutes with 500 ml water and the insoluble residue is filtered off. To 25 ml of resulting filtrate are added 40 ml water, 10 drops of saturated alcohol solution of the indicator, 4 ml 0.2 N HNO_3, and 2-3 ml of benzene, and titration is carried out with vigorous mixing, with 0.01 N solution of $Hg(NO_3)_2$ acidified with nitric acid to pH 1.5-2, until the yellow-orange color of the indicator,
Card: 1/2

DUMITRU, V.

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Bucharest, Stiinta si Tehnica, Vol XIV, No 5, May 62

1. "Productive Varieties of Hybrids," Professor N. GIOSAN, pp 3-4.

2. "Machines for High Farm Yields," Liviu CAPLACIS, Candidate of Technical Sciences and Scientific Director of the ICMA (Institutul de Cercetari Privind Mecanizarea Agriculturii): p 4.

3. "Productive Livestock Breeds," Engr N. RAICU, scientific secretary of the ICZ (Institutul de Cercetari Zootechnice; Zootechnical Research Institute): p 5.

4. "Vineyards and Orchards on Eroded Soils," professor Dr N. NEAGU: p 5.

5. "VULCAN Boilers Manufactured in Rumania," Engr V. DUMITRU: pp 6-7.

6. "The Paradox of Time," I. CIULI, physicist, and engineer E. GHEORGHIU: pp 8-11.

7. "Plastic Valve Protheses in Heart Surgery," Dr Executo-Aiza PAUNESCU, Clinical Hospital (Spitalul Clinic) in Fundeni: pp 12-13.

8. "A Few Words About Lacquers and Paints," Engr Margareta TOMESCU: pp 14-15.

9. "The Model of a Live Cell," V. V. CHAVCHANIDZE, director of the Institute of Cybernetics (Institutul de Cibernetica) of the Gruzian Academy of Sciences [original-language version not given], and researcher A. S. KVIN-IKHIDZE: pp 16-17.

10. "Basic Noise," Engr Alexandru FRIDA: pp 18-19.

11. "News from the Entire World" [briefs], pp 20-21.

12. "The Mayan Hieroglyphycs Are Deciphered," Teodor PAVEN: pp 22-23

13. "Balcoi — The Zootechnical Combine," Dr Ion ALIMENTU, Institute of Agronomy (Institutul Agronomic), Bucharest, pp 24-25.

— 1/2 —

DUMITRU, Vasile; SZASZ, Tiberiu; IONASCU, Iulian, coresp.

The Front of the People's Democracy. Constr Buc 17 no.790:3
27 F '65.

ACIOBANITEI, [illegible], ing., corespondent; GUTU, Octavian, corespondent; HADADY, Anton; CIRSTOIU, Valentin, corespondent; GHEORGHE, V.; DUMITRU, Vasile, corespondent; MACUTIU, Alexandru, corespondent

Facts from socialist competition. Const Bue 17 no.794:4 27 Mr '65.

1. Town Committee of the Rumanian Workers Party, Baia Mare (for Hadady).

ROMANIA

DUMITRU, Viorica, Prof, Bucharest [affiliation not given]

"On the Activity of the Circle of Small Naturalists. Excursions and Visits."

Bucharest, Natura. Seria Biologie, Vol 15, No 5, Sep-Oct 63, pp 74-78.

Abstract: Reviews the activity of the Pioneers and school children of the "Circle of Small Naturalists" within the framework of the Pioneer Palace of Bucharest. Describes the importance of excursions in the teaching process and the measures that are taken before and during excursions to woods, farms and other areas of interest to assure their success. A detailed plan is given for an excursion that may be used as a sample in planning other trips.
Contains 3 figures.

1/1

RUMANIA / Physical Chemistry. Electrochemistry. B

Abs Jour: Ref Zhur-Khimiya, No 24, 1958, 80863.

Author : Atanasin I., Dumitry Ch.
Inst : Not given.
Title : Investigation of Electrochemical Methods in Obtaining Benzidine.

Orig Pub: Rev. chim., 1958, 9, No 3, 129-133.

Abstract: Application of a revolving Fe-Cathode in obtaining benzidine (I) by means of electrochemical reduction of nitrobenzene (II) was investigated. An iron cell provided with ceramic diaphragm was employed utilizing alkaline emulsions to which PbO was added. In the studies of I after the electrolysis, kerosene was employed. The best results were obtained when II was employed in cleaning cathode of hydroazo-, azo, and azoxi-

Card 1/2

RUMANIA / Physical Chemistry. Electrochemistry.

Abs Jour: Ref Zhur-Khimiya, No 24, 1958, 80863.

Abstract: benzene, which are removed from the surface immediately upon submergence of the cathode into solvents. The optimum conditions of reduction of II are: 120 gr/ NaOH concentration of anolyte, 3% NaOH concentration of catholyte, 70° temperature, D_k = 10 a/ m^2 in the first phase, D_k 2.5 a/ m^2 in the second phase, and 200 rpm speed of cathode rotation.

Card 2/2 33

DUMKA, M.S.

Elements of veterinary knowledge among the Scythians. Veterinariia 33 no.1:88-91 Ja '56. (MLRA 9:4)

1.Stanislavskiy meditsinskiy institut.
(VETERINARY MEDICINE--HISTORY) (SCYTHIANS)

DUMKA, N.S.

Scythian medicine. Sov.zdrav. 15 no.5:57-60 S-O '56. (MLRA 10:1)

1. Iz kafedry inostrannykh yazykov Stanislavskogo meditsinskogo instituta (zav. kafedroy N.S.Dumka)
(HISTORY, MEDICAL
Scythian med.)

DUMKA, M.S. (Stalislav)

"Therapeutic properties of honey and bee venom." by M.P.Iolrysh. Reviewed by M.S.Dumka. Vrach.delo no.2:217 F '57. (MLRA 10:6)
(VENOM--THERAPEUTIC USE) (HONEY)

DUMKA, N.S.

Ancient memento in the history of medicine in Russia. Khirurgiia 33 no.8:119-122 Ag '57. (MIRA 11:4)

1. Iz kafedry inostrannykh yazykov (zav. N.S. Dumka) Stanislavskogo meditsinskogo instituta.
(HISTORY, MEDICAL
Scythian vase with pictures of med. treatment)

DUMKA, N.S., dotsent

Data on child care among ancient peoples in the U.S.S.R. Pediatriia 36 no.6:84-86 Je '58 (MIRA 11:6)

1. Iz kafedry inostrannykh yazykov (zav. - dotsent N.S. Dumka) Stanislavskogo meditsinskogo instituta (dir. - dotsent G.A. Babenko)
(CHILD WELFARE, hist.
in So. Russia in antiquity (Rus))

DUMKA, N.S.

"Hindu medicine in old Russian therapeutics" by N.A. Bogoslovskii.
Sov.med. 22 no.5:148-149 My '58 (MIRA 11:7)
(MEDICINE, HINDU)

DUMKA, N.S.

"Latin-Russian medical dictionary" by S.I. Vol'fson. Reviewed by N.S. Dumka. Sov.zdrav. 17 no.10:62-63 O '58 (MIRA 11:11)
(MEDICINE--DICTIONARIES)
(LATIN LANGUAGE--DICTIONARIES--RUSSIAN)
(VOL'FSON, S.I.)

[redacted] (Stanislav), dotsent

"A concise dictionary of clinical terms with translations explanations" by B.P.Aleksandrovskii, V.G.Sokolovskii. Reviewed by N.S.Dumka. Vrach.delo no.2:213-215 F '59. (MIRA 12:6)
(MEDICINE--DICTIONARIES) (LATIN LANGUAGE--DICTIONARIES--RUSSIAN)
(ALEKSANDROVSKII, B.P.) (SOKOLOVSKII, V.G.)

DUMKA, Nikita Savvich [Dumka, M.S.], dotsent; VERKHRATSKIY, S.A. [Verkhrats'kyi, S.A.] red.; POTOTSKAYA, L.A. [Pototś'ka, L.A.], tekhn.red.

[Medicine among the Scythians; an historical medical study] Pro medytsynu skifiv; istoryko-medychne doslidzhennia. Kyiv, Dersh.med.vyd-vo URSR, 1960. 112 p. (MIRA 15:5)

(SCYTHIANS) (MEDICINE, ANCIENT)

DUMKA, N.S., dotsent

Oldest gardens of medicinal plants in the northern Black sea region and the Caucasus. Apt. delo 10 no. 1:81-84 Ja-F '61.
(MIRA 14:2)

1. Kafedra inostrannykh yazykov (zav. - dotsent N.S. Dumka) Stanislavskogo meditsinskogo instituta (dir. - dotsent G.A. Babenko).
(BLACK SEA REGION--BOTANY, MEDICAL)

DUMKA, N.S.

"History of medicine; selected lectures" by F.R.Borodulin. Reviewed by N.S.Dumka. Vest.AMN S.S.S.R. 17 no.12:82-84 '62. (MIRA 16:4)

(MEDICINE) (BORODULIN, F.R.)

DUMKA, N.S., dotsent (Stanislav)

"Ancient Russian doctoring in the 11th to 17th centuries" by N.A. Bogoiavlenskii. Reviewed by N.S.Dumka. Sov. zdrav. 21 no.4:70-72 '62. (MIRA 15:5)

(MEDICINE) (BOGOIAVLENSKII, N.A.)

DUMKA, N.S., dotsent (Stavislav)

"Lectures on the history of Russian medicine; first lecture" by M.K.Kuz'min. Reviewed by N.S.Dumka. Klin.med. 40 no.10:149-150 O '62. (MIRA 15:12)

(MEDICINE)
(KUZ'MIN, M.K.)

DUMA, N.S., dotsent

Some problems in the methodology of teaching Latin; comments on new Latin textbooks. Sov. zdrav. 22 no.9:89-90 '63. (MIRA 17:4)

1. Zaveduyushchiy kafedroy inostrannykh yazykov Ivano-Frankovskogo meditsinskogo instituta.

ACC NR: AP7000930 (N) SOURCE CODE: UR/0391/66/000/012/0023/0027

AUTHOR: Dumkina, G. Z. (Leningrad)

ORG: Sanitation Hygiene Medical Institute (Sanitarno-gigiyenicheskiy meditsinskiy institut)

TITLE: Some clinical and physiological investigations of workers exposed to constant noise

SOURCE: Gigiyena truda i professional'nyye zabolevaniya, no. 12, 1966, 23-27

TOPIC TAGS: industrial medicine, acoustic biologic effect, cardiovascular system, reflex activity, blood pressure, audition

ABSTRACT: 112 turret lathe operators, mostly women, and 60 automatic turret lathe operators (50 men and 10 women) with work experience of 1 to 25 yrs were studied to determine the effect of noise on the functional states of the nervous and cardiovascular systems and the auditory analyzer. The turret lathe operators were exposed to noise with an intensity of 82 to 87 db and a frequency of 250 to 2000 cps, and the automatic turret lathe operators were exposed to noise with an intensity of 92 to 99 db and a frequency of 250 to 4000 cps. Indices included reflex activity tests, blood pressure, capillaroscopy, ECG and hearing tests. Findings show that 29.4% of the turret lathe operators and 43% of the automatic turret lathe operators

Card 1/2 UDC: 613.644+617-001.34-057

ACC NR: AP7000930

displayed functional disorders of the nervous system characterized by an aesthenovegetative syndrome. The degree and frequency of these changes increased with higher intensity of noise and length of work experience. In some cases cardiovascular functional system changes of a hemodynamic nature were observed, characterized by blood pressure lability, capillary spasms, and complaints regarding the heart. These cardiovascular system disorders appear to be caused by a change in the functional relation of the cortex and subcortex formations resulting from a nervous reflex control disorder induced by noise. In some cases hearing was significantly reduced in the high frequency range. It was established that hearing sensitivity is related to noise intensity, individual sensitivity and length of work experience. Orig. art. has: 1 table.

SUB CODE: 06/ SUBM DATE: 31Dec65/ ORIG REF: 017/ OTH REF: 004

Card 2/2

DONETS, Yu.I.; DUMKINA, N.I.

Simultaneous action of Cl. perfringens hemotoxin and B. proteus centrifugate in the presence of a specific antigangrene serum. Zhur. mikrobiol., epid. i immun. 33 no.2:84-87 F '62. (MIRA 15:3)

1. Iz Odesskogo meditsinskogo instituta imeni N.I. Pirogova.
(SERUM) (GAS GANGRENE)
(CLOSTRIDIUM PERFRINGENS) (PROTEUS)

DUMKOVA, V.
"Organization of the stockbreeding brigade on collective farms" (p.4) KOOPERATIVNO ZEMEDELIE
(Ministerstvo na zemedelieto) Sofiya Vol 8 No 7 1953

SO: East European Accessions List Vol 2 No 7 Aug 1954

DUMLER, F.G.

Some data on the sanitary characteristics of working conditions in the coal preparation departments of Karaganda dressing plants. Gig. i san. 26 no.6:106-107 Je '61. (MIRA 15:5)

1. Iz Karagandinskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

(COAL PREPARATION--HYGIENIC ASPECTS)

DUMLER, L.F.

Contact metamorphism of coal in the Kosmurun coal deposits. Trudy Lab. geol.ugl. no.2:346-352 '54. (MLRA 8:7)
(Kosmurun--Coal geology)

DUMLER, L.F.

New boring machinery for the Central Kazakhstan Geological Administration. Razved. i okh. nedr 31 no.2:17-21 F '65.
(MIRA 18:3)

1. TSentral'no-Kazakhstanskoye geologicheskoye upravleniye.

DUMLER, S.A.; DUGINA, N.A., tekhnicheskiy redaktor

[Automatization fo lathes, hoisting and transportation operations; work practices of plants in Chelyabinsk Province] Mekhanizatsiia stanochnykh i pod"emno-transportnykh operatsii; iz opyta zavodov Cheliabinskoi oblasti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 33 p. (MIRA 8:4)
(Chelyabinsk Province--Machinery, Automatic)
(Tractor industry--Automation)

SYCHEV, Aleksey Yakovlevich, professor, doktor ekonomicheskikh nauk; DUMLER, Sergey Avgustovich, inzhener; SIVKOV, Viktor Mikhaylovich; UMANSKAYA, M.M., inzhener, redaktor; GOKELIK, I.G., kandidat ekonomicheskikh nauk, redaktor; BOGOMOLOV, V.I., inzhener; KARCHEVSKIY, V.A., inzhener, redaktor; PEKELIS, I.B.; POLYAKOV, S.A., inzhener; SHTEYMBERG, Ye.Z.; CHUMILOVICH, L.M.; AVRUTSKAYA, R.F., redaktor; EVEMSON, I.M., tekhnicheskiy redaktor.

[The economics of non-ferrous metallurgy] Ekonomika tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1954. 291 p. (MLRA 8:2)
(Nonferrous metals--Metallurgy) (Metal industries)

DUMLER,S.A.

Detection and utilization of organisational potentialities in assembly-line operations. Vest.mash.35 no.7:78-85 Jl'55. (Assembly-line methods) (MLRA 8:10)

SATEL', Eduard Adamovich; KLIMENKO, K.I., doktor ekon.nauk, retsenzent; DUMLER, S.A., inzh., retsenzent; SOCHINSKIY, A.R., inzh., red.; HARYKOVA, G.I., red.izd-va; UVAROVA, A.F., tekhn.red.

[Principles of organization and planning in Soviet machine manufacturing enterprises] Osnovy organizatsii i planirovaniia mashinostroitel'nykh predpriiatii SSSR. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 155 p. (MIRA 11:4)
(Machinery industry)

DUMLER, S.A.

Regularities in the construction of the production process.
Sber.st.CHPI no.12:4-25 '57. (MIRA 10:12)
(Russia--Industries)

DUMLER, S.A.

DUMLER, S.A.

Uniform method for calculating production cycles and overproduction.
Sbor.st.CHPI no.12:54-76 '57. (MIRA 10:12)
(Machinery industry)

SYCHEV, A.Ya., prof., obshchiy red.; [redacted] obshchiy red.; SVET, Ye.B., red.; VYGOLOVA, M.A., tekhn.red.

[Technology and economics; problems of the economic efficiency of modern technology] Tekhnika i ekonomika; voprosy ekonomicheskoi effektivnosti novoi tekhniki. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1958. 238 p. (MIRA 13:2)
(Technology)

PHASE I BOOK EXPLOITATION 572

Dumler, S.A.

Potochnyye metody proizvodstva v mashinostroyenii (Production-line Methods in Machine Building) Moscow, Mashgiz, 1958. 362 p. 5,000 copies printed.

Reviewer: Satel'. Ye. A., Doctor of Technical Sciences, Professor; Ed. of Publishing House: Semenova, M.M.; Tech. Ed.: Uvarova, A.F.; Managing Ed. on economics and organization of production: Saksaganskiy, T.D.

PURPOSE: This book is intended for engineering and technical personnel in machine-building plants as well as for vtuz students and instructors.

COVERAGE: The book presents a systematic review of various production-line techniques employed by the Soviet machine-building industry. Part I discusses the stimulus of national economic goals and specifically production objectives on the development of line

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production. Part II reviews production-line techniques, their introduction under varying conditions, their future, and also various forms of production-line development. Part III presents a methodology for determining the economic efficiency and for selecting the most suitable production-line variant. Part IV discusses briefly the ways and means of studying existing production lines and outlines the main features of Soviet and foreign developments in this field. There are about 100 automated production lines in the USSR at present and the Sixth Five Year Plan calls for introduction of at least 220 automated and semiautomatic production lines by 1960. The Gorkiy Automobile Plant (GAZ) has at present 10 such lines and expects to raise that number to 70 by 1960. The Chelyabinsk Tractor Plant (ChTZ), at present without automated lines, plans for at least 5 by 1960. The Stalingrad Tractor Plant (STZ) proposes to introduce in the near future at least 22 automated and semiautomatic production lines. There are 38 Soviet references. Repeated references are made to engineers V.A. Morozov, N.M. Knyaz'kov, and A.A. Sigodzinskiy, designers of Soviet automated production lines.

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Production-line Methods in Machine Building 572

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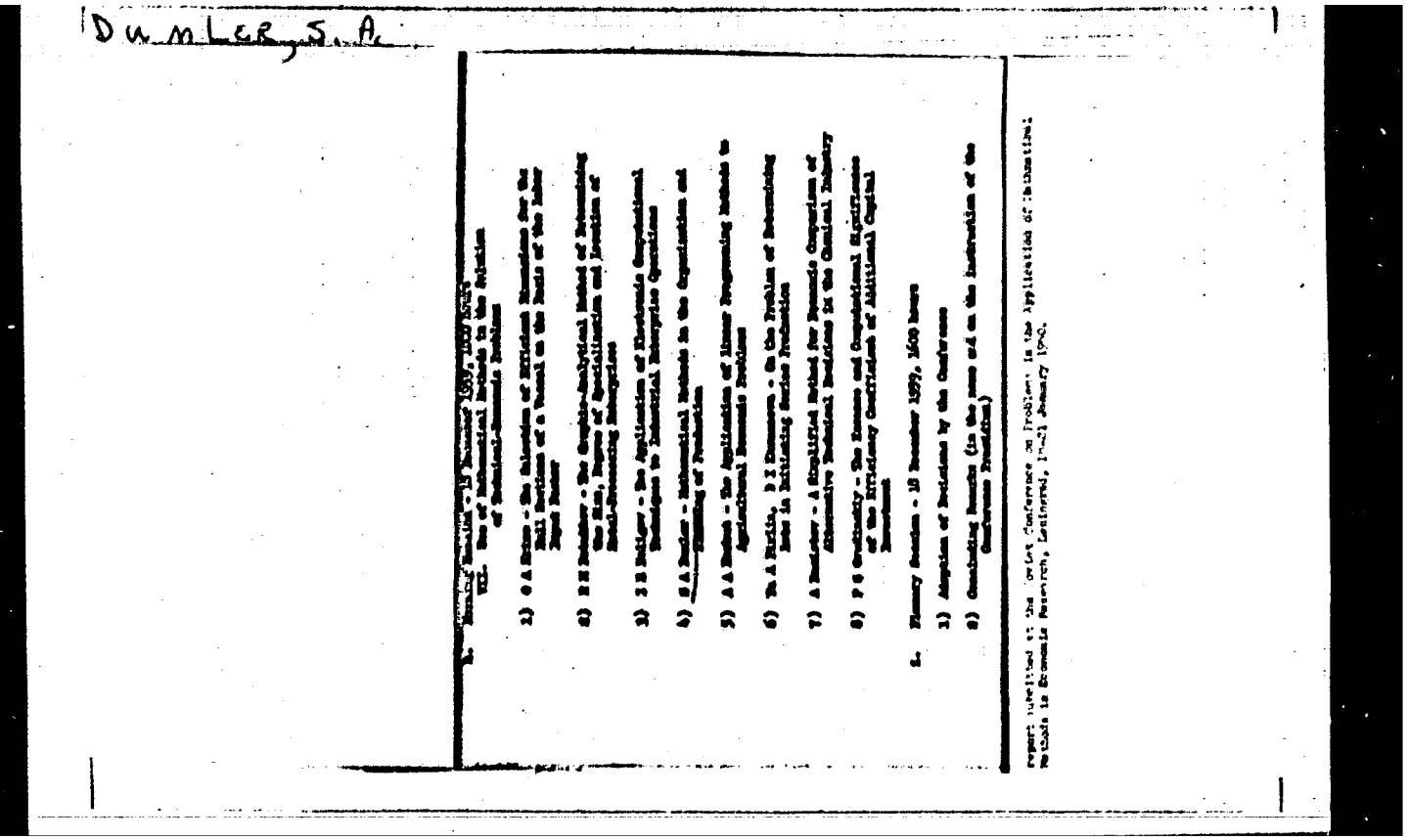
DUMLER, S.A., dots.

Linear programming and its use in industrial production.
Vest.mash. 38 no.10:70-74 O '58. (MIRA 11:11)
(Industrial management--Graphic methods)



DUMLER, Sergey Avgustovich; SVET, Ye.B., red.

[Automation in the machinery industry; with examples from the practice of enterprise of the Chelyabinsk Economic Region] Avtomatizatsiia v mashinostroenii; s primerami iz praktiki predpriiatii Cheliabinskogo ekonomicheskogo raiona. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1961. 181 p.
(MIRA 17:3)

DUMLER, S.A., inzh.

Using an electronic computer in compiling a schedule graph of the degree of equipment loading. Mekh.i avtom. proizv. 15 no.4:53-57 Ap '61. (MIRA 14:5)
(Electronic analog computers)
(Production control)

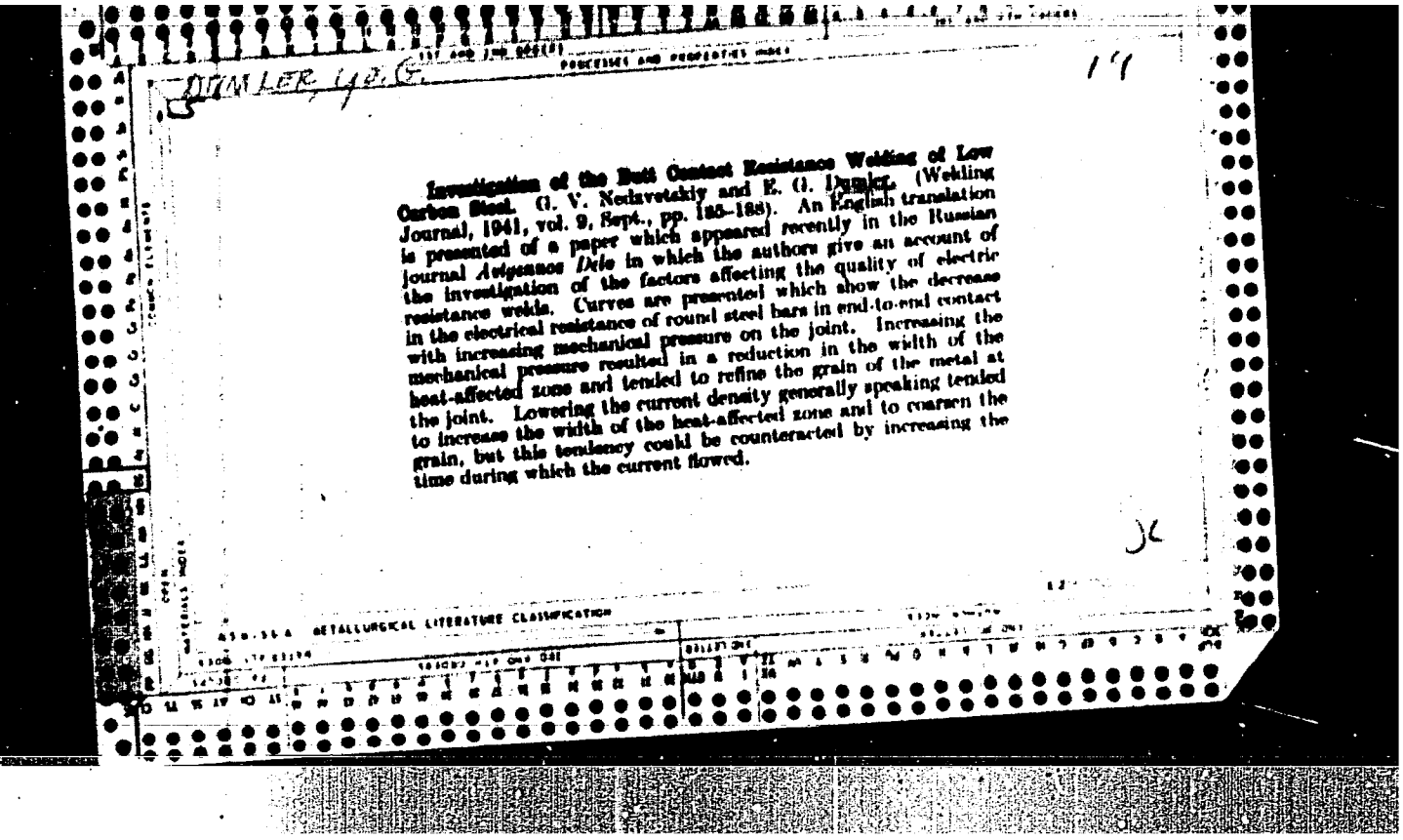
DUMLER, Sergey Avgustovich; GANSHTAK, Vladimir Iosifovich; SAKSAGANSKIY, Teodor Davydovich; SATEL', E.A., zasl. deyatel' nauki i tekhniki, prof., doktor tekhn. nauk, retsenzent; KUZNETSOV, P.V., ekon., red.; DUGINA, N.A., tekhn. red.

[Fundamentals of the economics and organization of the machinery industry] Osnovy ekonomiki i organizatsii mashinostroitel'nogo proizvodstva. Moskva, Mashgiz, 1962. 472 p. (MIRA 15:6)
(Machinery industry)

LAPKIN, I.I., DUMLER, V.A.

Possible quantitative conformation of radicals attached to the central elementary atom. Part 3: Organotin compounds. Zhur. ob. khim. 34 no.11:3690-3693 N '64 (MIRA 18:1)

1. Permskiy gosudarstvennyy universitet.



DIMLER, G.R.

1/1

Investigation of the Butt Contact Resistance Welding of Low Carbon Steel. G. V. Nedavetskiy and E. G. Dumler. (Welding Journal, 1941, vol. 9, Sept., pp. 185–188). An English translation is presented of a paper which appeared recently in the Russian journal *Avtogennoe Delo* in which the authors give an account of the investigation of the factors affecting the quality of electric resistance welds. Curves are presented which show the decrease in the electrical resistance of round steel bars in end-to-end contact with increasing mechanical pressure on the joint. Increasing the mechanical pressure resulted in a reduction in the width of the heat-affected zone and tended to refine the grain of the metal at the joint. Lowering the current density generally speaking tended to increase the width of the heat-affected zone and to coarsen the grain, but this tendency could be counteracted by increasing the time during which the current flowed.

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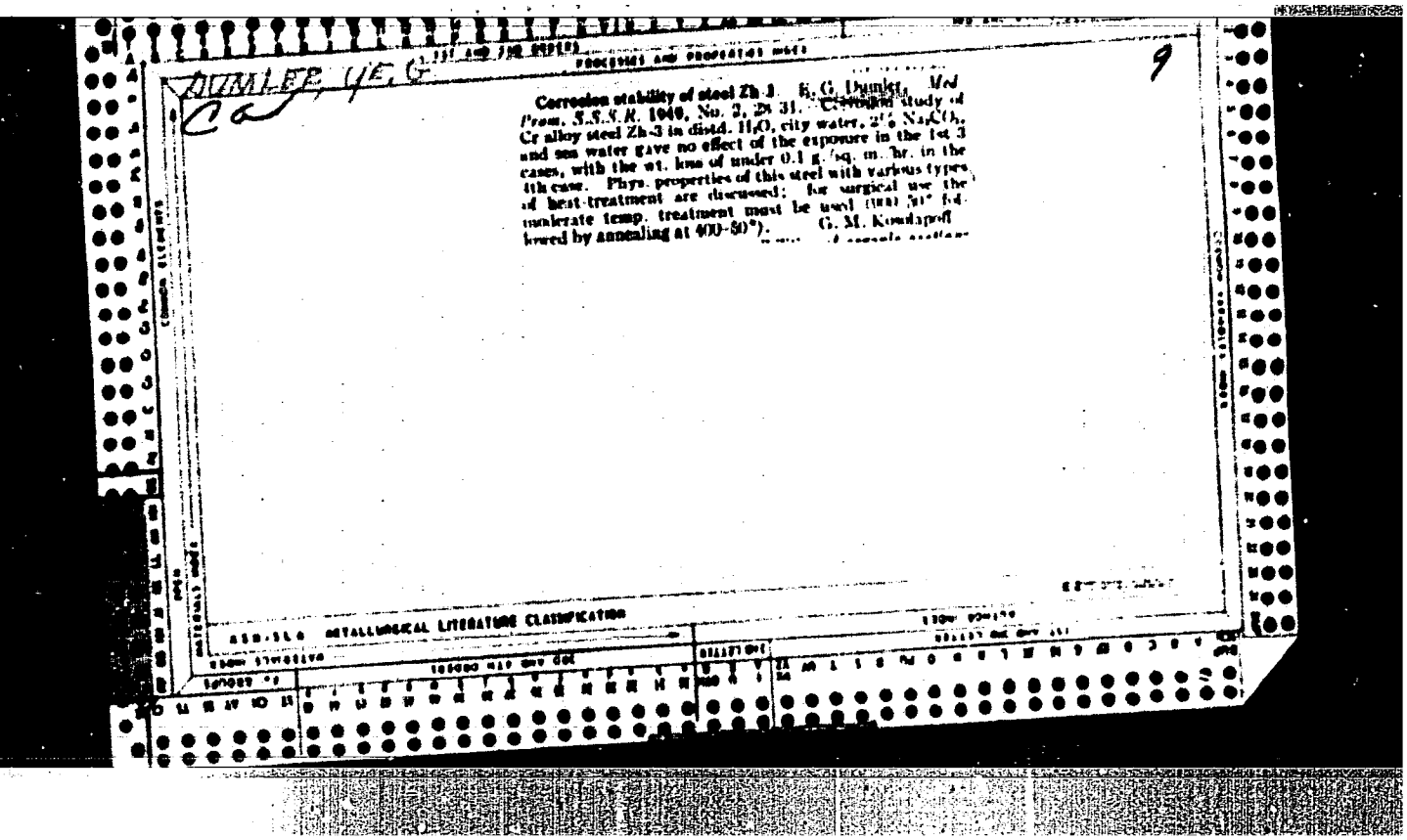
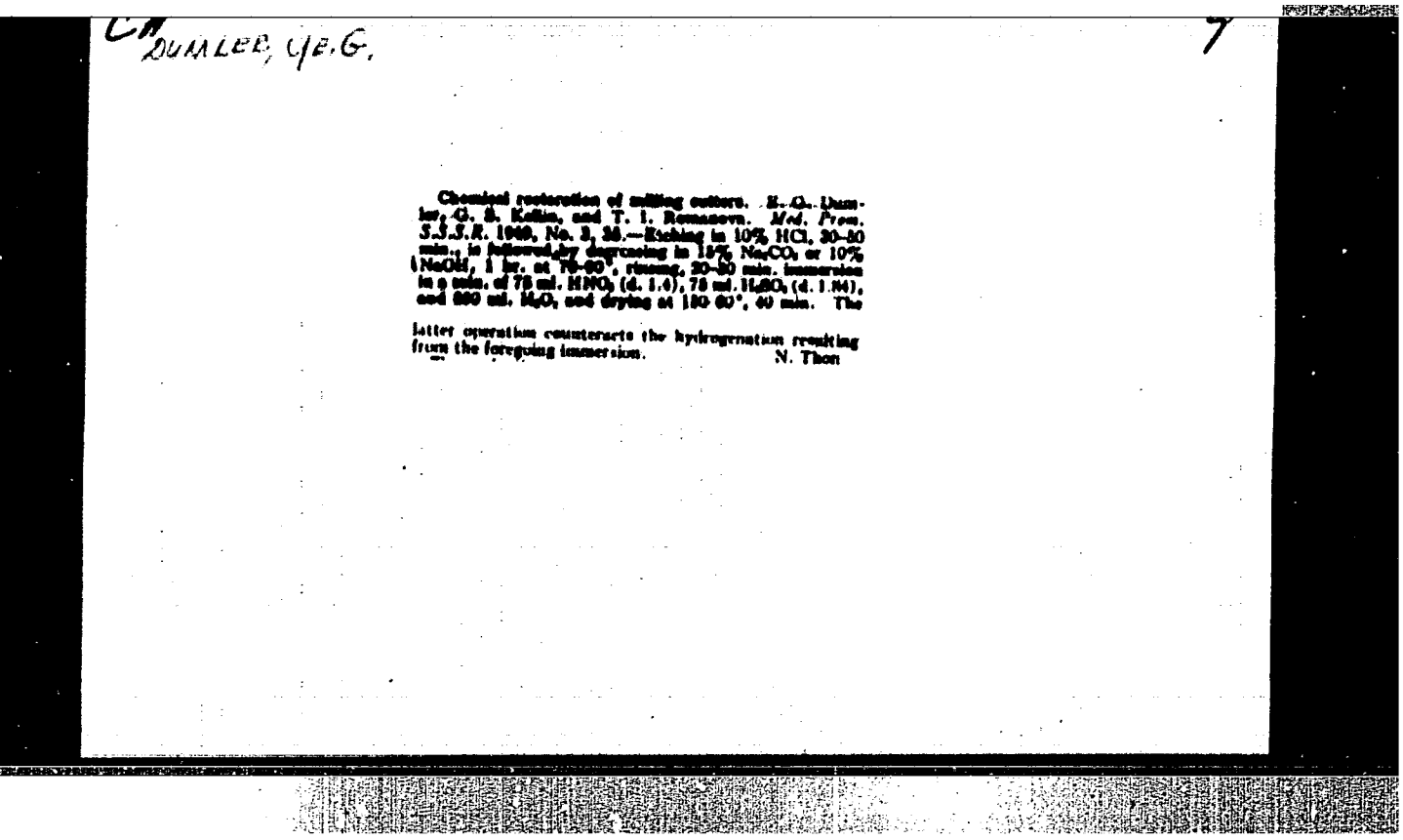
METALLURGICAL LITERATURE CLASSIFICATION





DUMLER, G.E.G.

7

Chemical restoration of milling cutters. E. G. Dumler, G. S. Kalin, and T. I. Romanova. *Mol. Prom. S.S.S.R.* 1949, No. 3, 36.—Etching in 10% HCl, 30–50 min., is followed by degreasing in 15% Na_2CO_3 or 10% NaOH, 1 hr. at 70–80°, rinsing, 20–30 min. immersion in a soln. of 75 ml. HNO_3 (d. 1.4), 75 ml. H_2SO_4 (d. 1.84), and 900 ml. H_2O, and drying at 180–90°, 40 min. The latter operation counteracts the hydrogenation resulting from the foregoing immersion. N. Thon

DUMMER, M.A.

An outstanding collective of radio operators. Vest. sviazi 25 no.5: 29-30 My '65. (MIRA 18:5)

1. Nachal'nik otdela truda i zarabotnoy platy Ministerstva svyazi Moldavskoy SSR.

DUMNICKI, Juliusz, doc. arch.

Concerning the consultation with Professor Terzaghi in the construction of the National Museum in Krakow. Inz i bud 21 no.11:404 N '64.

DUMNOV, D.

AUTHORS: Zav'yalov, A. and Dumnov, D. 2-2-12/12

TITLE: On the Yearly Accountings of Sovkhozes, MTS's and Kolkhozes for the Year 1957 (O godovykh otchetakh sovkhozov, MTS i kolkhozov za 1957 g.)

PERIODICAL: Vestnik Statistiki, 1958, # 2, pp 94-96 (USSR)

ABSTRACT: The article contains official information from the USSR Central Administration of Statistics regarding the accounting forms for the year 1957. These forms are approved by the USSR Central Administration of Statistics in cooperation with the USSR Ministries of Agriculture and Finance.

The local statistical organs are warned to be more accurate in filling out the yearly forms.

AVAILABLE: Library of Congress

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DUMNOV, D.

AUTHOR: Dumnov, D. 2-58-4-5/14

TITLE: Further Possibilities of Raising Labor Productivity in Agriculture (Rezervy povysheniya proizvoditel'nosti truda v sel'skom khozyaystve)

PERIODICAL: Vestnik Statistiki, 1958, Nr 4, pp 49-55 (USSR)

ABSTRACT: The author states that from 1917 to 1956, labor productivity in agriculture rose 3.8 times. Until 1953, agriculture was very backward, but reforms and improvements since then have immensely boosted productivity. In the 3 years from 1953-1956, labor productivity in the kolkhozes rose by 28% and in the sovkhozes by 43%. Nevertheless, productivity still leaves much to be desired, as is demonstrated by tables showing wide differences in efficiency between kolkhozes and sovkhozes as a whole: in some production branches efficiency in sovkhozes is twice as great as in kolkhozes. In addition, there are wide differences in productivity between individual sovkhozes and kolkhozes. Rationalization of production by means of specialization between farms in accordance with local conditions can be expected to greatly increase efficiency. The agricultural reforms now being implemented should operate in this direction by extending

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Further Possibilities of Raising Labor Productivity in Agriculture

specialization of production and giving greater scope for individual enterprise and initiative. The great increase in mechanization over the last few years is shown in a table. Despite the almost complete mechanization of plowing and grain sowing, some operations, however, such as potato planting, harvesting of sugar beet, hay mowing, and cotton picking have hardly been mechanized at all, and an immense amount of labor is still being consumed by supplementary, non-productive work, particularly transportation. In this respect it can be expected that productivity will be greatly increased by the decisions taken at the February Plenum of the Central Committee of the USSR Communist Party and the first session of the USSR Supreme Soviet with regard to handing over machinery and equipment of the former machine-tractor stations to the kolkhozes. The kolkhozes will now be able to use equipment how and when they wish, and will be free to buy the equipment they require in accordance with their needs and local conditions. The kolkhozes will be more interested in extending the field of mechanization from particular types of work to all branches and processes of agricultural production. In addition,

Further Possibilities of Raising Labor Productivity in Agriculture

great increases in productivity can be expected from recent reforms in the employment of agricultural experts. Between 1953 and 1956, the number of specialists employed in administration centers was cut by two-thirds, and the number actually working on the farms and other agricultural enterprises increased almost threefold; whereas in 1953, 34% of all agricultural specialists with secondary and higher technical education were employed in administration centers and only 31% were engaged immediately on the land, by the end of 1956 the respective figures were 6% and 57%. Again, the number of experts with secondary and higher technical education employed in the kolkhozes has increased over the period from 1953-57 from 18,500 to 150,000. Agricultural training is becoming far more widespread, and by 1957 more than one third of all kolkhoz chairmen had both a secondary and a higher technical education. The reorganization of the machine-tractor stations can be expected to greatly increase the numbers of agricultural specialists actively engaged in production. There is an immense amount of time lost through the underemployment of tractor, combine, and truck drivers. In the USSR over the last few years, MTS

Further Possibilities of Raising Labor Productivity in Agriculture

drivers worked a yearly average of only 250 days. Here again, the movement of drivers from the MTS's into the kolkhozes can be expected to boost productivity, since the kolkhozes with their many types of work will be in a position to actively employ drivers all year round.
There are six tables.

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Card 4/4

22(5) SOV/2-59-2-5/12

AUTHOR: Dumnov, D.

TITLE: Problems of Calculating the Work Efficiency in Kolkhozes and Sovkhozes (Voprosy ucheta proizvoditel'nosti truda v kolkhozakh i sovkhozakh)

PERIODICAL: Vestnik statistiki, 1959, Nr 2, pp 52 - 61 (USSR)

ABSTRACT: The author says that the existing accounting system in the sovkhozes and kolkhozes, the "trudoden'" ("workday") pay measure, varies from kolkhoz to kolkhoz and has become obsolete, and that the Seven-Year Plan requires that the work efficiency of the kolkhozes be doubled and that of the sovkhozes raised 60 - 65%. He discusses in detail the existing system, and suggests that what is good in the sovkhoz accounting system be used for the kolkhozes as well, and says that the accounting experience of successful kolkhozes should be seriously studied. The new "annual account program of kolkhozes" (used since 1958) is mentioned

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Problems of Calculating the Work Efficiency in Kolkhozes and Sovkhozes

as one step forward in the matter, as it includes for the first time the cost indices for products that are to be determined in accordance with the local state procurement prices of 1958.

DUMNOV, Dmitriy Ivanovich; SHENTSIS, Ye.M., red.; PYATAKOVA, N.D., tekhn.red.

[Labor productivity in agriculture; statistical methods of study and analysis] O proizvoditel'nosti truda v sel'skom khoziaistve; statisticheskie metody izucheniia i analiza. Moskva, Gosstatizdat TsSU SSSR, 1960. 141 p.

(MIRA 14:3)

(Agriculture--Labor productivity--Statistics)

PAVLOV, A.N., otv. za vypusk; VOLODICHEVA, V.N.; IVANOVA, A.I.; KULAKOV, I.N.; LYAMINA, T.N.; MIT'KINA, L.I.; POZDNYAKOVA, N.P.; RODIONOVA, L.I.; ROMANOVA, N.M.; SOFIYEV, N.S.; CHICHKINA, A.A.; TRESORUKOVA, Z.G.; BOGATYREV, P.P.; BROVKINA, A.I.; IVANOVA, L.D.; IVASHKIN, G.A.; KAMNEV, N.I.; LYSANOVA, L.A.; OZHEREL'YEVA, Z.I.; PAVLOVA, T.I.; TYUTYUNOVA, N.I.; UMNITSYNA, A.P.; ZHIVILIN, N.N.; ALESHICHEV, M.P.; VINOGRADOV, V.I.; YEREMIN, F.S.; KRAVCHENKO, Ye.P.; LOVACHEVA, M.V.; NIKOL'SKAYA, V.S.; MAKHOV, G.I.; SKEGINA, A.V.; TARNYEV, A.V.; KHOLINA, A.V.; BRYANSKIY, A.M.; BURMISTROVA, V.D.; GRIGOR'YEVA, A.M.; LUTSENKO, A.I.; ORESHOVA, Z.V.; TEPLINSKAYA, N.V.; FEOKTISTOVA, V.I.; BUTORIN, I.M.; BOCHKAREVA, L.D.; BURENINA, V.A.; VETUSHKO, A.M.; VIKHLYAYEV, A.A.; SOROKIN, B.S.; TSYBENKO, L.T.; KHLEBNIKOV, V.N.; DUMNOV, D.I.; STEPANOVA, V.A.; MANYAKIN, V.I., red.; VAKHATOV, A.M.; MAKAROVA, O.K., red.izd-va; PYATAKOVA, N.D., tekhn.red.

[Soviet agriculture; a statistical manual] Sel'skoe khoziaistvo SSSR; statisticheskii sbornik. Moskva, 1960. 665 p.
(MIRA 13:5)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravleniye. 2. Upravleniye statistiki sel'skogo khozyaystva TSentral'nogo statisticheskogo upravleniya SSSR (for all except Makarova, Pyatakova).

(Agriculture--Statistics)

BRAGINSKIY, Boris Iosifovich; PRIVEZENTSEVA, A.G., red.; DUMNOV, D.I., red.; VASIL'KOVA, Ye.V., tekhn. red.

[Statistical groupings of collective and state farms based on labor productivity] Statisticheskie gruppirovki kolkhozov i sovkhozov po proizvoditel'nosti truda. Moskva, Gosstatizdat TsSU SSSR, 1961. 114 p. (MIRA 14:11)

(Agriculture--Labor productivity)

1 (0), 5 (1,3), 15 (7)

AUTHORS: Gudimov, M. M., Kargin, V. A., Academician, SOV/20-128-4-22/65
Petrov, B. V., Dumnov, M. V.

TITLE: Orientation of Massive Polymeric Materials

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 4, pp 715 - 718 (USSR)

ABSTRACT: Massive polymeric materials of linear structure: blocks, plates, etc. on the basis of polymethyl methacrylate, polystyrene, and the like, are often insufficiently solid, and particularly insufficiently plastic. This makes their use in technology difficult, sometimes even impossible. For this reason, it was usual for a long time to solve new technical problems, especially in machine building, by synthesizing new polymers offering the properties required. On the other hand, it had long been known that threads and films of polymers, in the production of which attention was paid to an orientation of macromolecules, offer both a higher strength and better plastic indices (Refs 1-7). This modification method makes it possible to produce new materials with given properties without having to change their chemical composition and the previous production technology. This can be achieved by an alter-

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ation of the orientation degree and by special additions which, for instance, ensure a scarce netting. Two promising production methods for oriented massive polymers were developed: the methods of radial stretching and of compression. Several machines were developed for the production of special material, e.g. for the glazing of airplane cabins (Fig 1). The production process according to both methods is described. Table 1 shows the physicomechanical indices of oriented polymethyl methacrylate produced according to the two above methods. It shows that these properties, at the same degree of previous stretching or compression, are practically equal on application of the two methods. This degree depends on the properties of the oriented material demanded. Figure 2 shows the dependence of the deformation modulus, strength limit, elongation by stretching etc. on the orientation degree. It appears from the experimental data that an increase in the degree of stretching beyond 50-70% does practically not bring about any quality improvement (except for the specific resilience) of the oriented polymer. Figure 3 compares the dependence of the said indices of an oriented and of a non-oriented polymer on the test tem-

perature. It appears that several of these indices lie much higher in the former polymer than in the latter. The authors finally discuss the results obtained. There are 4 figures, 1 table, and 8 references, 4 of which are Soviet.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut aviatsionnykh materialov (All-Union Scientific Research Institute of Aircraft Material)

SUBMITTED: June 25, 1959

DUMNOVA, A. G.: Master Med Sci (diss) -- "Changes in the cardiovascular system in acute poliomyelitis of children". Moscow, 1958. 13 pp (Second Moscow State Med Inst im N. I. Pirogov), 220 copies (KL, No 7, 1959, 128)

DUMNOVA, A.G.

Cardiovascular changes in acute poliomyelitis in children.
Pediatriia 37 no.6:42-48 Je '59. (MIRA 12:9)

1. Iz kliniki detskikh bolezney lechebnogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova (zav. - prof.N.I.Ostinovskiy [deceased]).
(POLIOMYELITIS, physiol.
cardiovasc. funct. in child. (Rus))
(CARDIOVASCULAR SYSTEM, in var. dis.
polio. in child. (Rus))

ACCESSION NR: AP4013028 S/0166/63/000/006/

AUTHORS: Leushkina, G. V.; Zvyagin, V. I.; Lobanov, Ye. M.; Dumov, A. G.

TITLE: Fluorescence of silicon carbide

SOURCE: AN UzSSR. Seriya fiziko-matematicheskikh nauk, no. 6, 1963, 98-99

TOPICS: fluorescence, lattice defect, radiation effect, neutron irradiation, gamma irradiation, alpha particle irradiation

ABSTRACT: Samples of SiC produced from recrystallization were irradiated with neutrons, gamma-rays, and alpha particles to determine their influence on the luminescence of samples at room temperature. For neutron fluxes of $5 \cdot 10^{11}$/cm^2 the intensity of fluorescence decreased by a factor of 7 in the short (~6000 Å) and by a factor of 2 in the longer wave length region of the spectrum. The fluorescence disappeared completely for a neutron flux of $2 \cdot 10^{17}$/cm^2. No significant difference was noted with or without cadmium filters, indicating that the effect was primarily due to fast neutrons. Irradiation of the samples with gamma rays of Co^{60} produced no noticeable change in intensity of fluorescence for doses of $5 \cdot 10^{17}$ photons/cm^2, and a slight decrease for doses of 10^{19}/cm^2. Likewise, alpha

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ACCESSION NO: AP4013028

particles from a polonium source with a flux of $3 \cdot 10^8/cm^2$ had no effect on the intensity. No change was noted after reducing the samples to a powder. From these results it is concluded that the fluorescence of SiC is not related to superficial lattice defects. Orig. art. has: 1 diagram.

ASSOCIATION: Institut yadernoy fiziki AN UzSSR (Institute of Nuclear Physics AN UzSSR)

SUBMITTED: 02Apr63 DATE ACQ: 03Mar64 ENCL: 00

SUB CODE: NP, PH NO REF SOV: 002 OTH: 001

Card 2/2

Dumov, P.D.

9(6) PHASE I BOOK EXPLOITATION SOV/2557

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Leningradskoye oblastnoye pravleniye

Provolochnaya tenzometriya (Theory and Application of Wire Strain Gages) Moscow, Mashgiz, 1959. 138 p. (Series: Leningradskiy dom nauchno-tekhnicheskoy propagandy, kn. 51) 3,500 copies printed.

Sponsoring Agency: Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti.

Ed.: A.N. Turichin; Ed. of Publishing House: M.A. Chfas; Tech. Ed.: L.V. Shchetinina; Managing Ed. for Literature on the Technology of Machine Building (Leningrad Division, Mashgiz): Ye.P. Naumov.

PURPOSE: This collection of papers is intended for engineers, scientific workers, and technicians making calculations for strength in machinery.

COVERAGE: This is a third issue of the collection of scientific papers presented at the Leningrad Scientific and Technical Conference on the Theory and Use of Wire Strain Gages, held in May 1958. The papers describe the use of instruments with wire strain gages to investigate different parameters of machine parts and mechanisms during operation. No personalities are mentioned. References follow several of the papers.

AVAILABLE: Library of Congress

(1)

DUMOV, P.D.

Counter of the number of stress recurrences (deformations) of a given value (statistic strain measurement). [Izd.] LONITOMASH 51:73-78 '59. (MIRA 12:12)
(Strain gauges)

YAKOVLEV, Vsevolod Fedorovich; INYUTIN, Ivan Sergeyevich; DUMOV, P.D., inzh., retsenzent; TURICHIN, A.M., kand.tekhn.nauk, red.; CHFAS, M.A., red.izd-va; SPERANSKAYA, O.V., tekhn.red.

[Measuring stresses in machine parts] Izmereniia napriazhenii detalei mashin. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 114 p. (MIRA 13:3)
(Strains and stresses)

YAKOVLEV, V.F.; DUMOV, P.D., insh., retsenzent; KRASKOVSKIY, Ye.Ya., kand. tekhn. nauk, red.; DENINA, I.A., red. izd-va; BARDINA, A.A., tekhn. red.

[Measurement of strains and stresses in machine parts] Izmereniia deformatsii i napriazhenii detalei mashin. Izd.2., ispr. i perer. Moskva, Mashgiz, 1963. 191 p. (MIRA 16:11)

(Strains and stresses)

DUMOV, S.I.

SOV/3085

PHASE I BOOK EXPLOITATION

Demyantsevich, Vladimir Petrovich, and Semen Isaakovich Dumov

Tekhnologiya elektricheskoy dugovoy svarki (Technique of Electric-arc Welding) Moscow, Mashgiz, 1959. 360 p. 20,000 copies printed.

Reviewers: M.N. Zaytsev, Engineer, M.B. Shub, Engineer, and M.V. Prikhodkin, Engineer; Ed.: D.I. Navrotskiy, Candidate of Technical Sciences, Docent; Ed. of Publishing House: V.P. Vasil'yeva; Tech. Eds.: R.G. Pol'skaya and O.V. Speranskaya; Managing Ed. for Literature on the Design and Operation of Machinery (Leningrad Division, Mashgiz): F.I. Fetisov, Engineer.

PURPOSE: This is a textbook for students of tekhnikums.

COVERAGE: The book deals with aspects of electric-arc welding and hard facing, including the theoretical basis, the welding materials used, manual and automatic methods, and special applications.

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Technique of Electric-arc Welding SOV/3085

Methods of welding low-carbon and alloy steels, cast iron, and nonferrous metals are explained. Welding stresses and deformations and methods of producing welded structures are also discussed. No personalities are mentioned. There are 26 references, all Soviet.

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AVAILABLE: Library of Congress (TK4660.D4)

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VK/bg
2-9-60

BONDIN, Ivan Nikolayevich; VOLOGDIN, I.V., insh., retsenzent; DUMOV, S.I., insh., red.; KUREPINA, G.N., red.izd-va; POL'SKAYA, R.G., tekhn. red.

[Quality control of weld joints and structures] Kontrol' kachestva svarnykh soedinenii i konstruktsii. Moskva, Mashgiz, 1962. 158 p. (MIRA 15:6)

(Welding—Quality control)

DUMOV, S.I.; KUNIS, M.I., inzh., retsenzent; SHEBEKO, L.P., inzh., retsenzent

[Equipment and technology of arc welding; laboratory work] Oborudovanie i tekhnologiia dugovoi svarki; laboratornye raboty. Moskva, Mashinostroenie, 1964. 161 p. (MIRA 18:1)

DUMOV, S.I.; TSEGEL'SKIY, V.L., inzh., retsenzent; AMIGUD, D.Z., inzh., retsenzent; PEVZNER, S.M., inzh., red.

[Manual for a course project on the subject "Equipment and technology of arc welding"] Rukovodstvo dlia kursovogo proektirovaniia po predmetu "Oborudovanie i tekhnologiia dugovoi svarki." Moskva, Mashinostroenie, 1965. 137 p. (MIRA 18:8)

DUMNOV, V.A., inzh.

Shipbuilding in the Polish People's Republic. Biul.tekh.-ekon.-inform.Tekh.upr.Min.mor.flota 5 no.4:113-116 '60. (MIRA 15:1)

1. Tekhnicheskoye upravleniye Ministerstva morskogo flota.
(Poland--Shipbuilding)